INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

Form R-1

Tanks Storing VOC and/or Hazardous Air Pollutants

Fill out a section for each tank with a capacity over 250 gallons.

1. **Type of tank:**

Tank information	Tank 1	Tank 2	Tank 3	Tank 4
Tank ID #				
Fixed roof cone tank				
Fixed roof dome tank				
Internal floating roof tank				
External floating roof tank				
Variable vapor space tank				
Is the tank above or below ground?				
Is this a horizontal or vertical Tank?				

2. **Tank General information:**

Product stored				
Vapor recovery system or other				
Control systems				
Efficiency				
Method of venting				
Submerged filled (Y/N)				
Tank -if vertical- height (Hs), ft				
Tank -if horizontal- length (L), ft				
Tank diameter (D), ft				
Tank volume (V), ft^3				
True vapor Pressure (PVA), PSI at 20^0C (specify if other temp. is used)				
Vapor molecular wt. (Mv), lb/lbmole				
Annual throughput gal/yr				
Max. liquid height (Hlx), ft				
Color of paint - white, silver, etc.				

3. **Information required for State and Federal Rules:**

Date tank constructed or anticipated date of construction				
Tank capacity (gallons)				

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Form R-2

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4. **External Floating Roof Tank:**

	Tank 1	Tank 2	Tank 3	Tank 4
Average liquid density (W), lb/gal				
Pontoon floating roof				
Double deck floating roof				
Tank construction welded, or riveted				
Primary rim-seal vapor mounted, liquid mounted, or mechanical shoe				
Secondary rim-seal weather shield, rim mounted or none				

5. **Internal Floating Roof Tanks:**

Average liquid density (W1) lb/gal				
Double deck floating roof (yes or no)				
Number of columns supporting the fixed roof				
Self-supported fixed roof				
Welded deck or Riveted				
Bolted deck				
Primary rim-seal vapor mounted, or liquid mounted				
Is there secondary rim-seal? (yes or no)				

6. **Variable Vapor Space Tanks:**

Volume of liquid pumped into the system (V1), bbl/yr				
Volume expansion capacity of system (V2), bbl				
Number of transfers into the system (N2), during the time period that corresponds to the throughput of V1				